

SWITCHING ASSEMBLY

Abstract

A switch assembly and method includes a heat sink with two switch modules coupled thereto. Both of the switch modules are used in switching operations to make use of the entire heat sink, providing improved heat dissipation. The switch modules each have first and second switch devices, with each switch device having a gate terminal. A source voltage is applied to the switching modules and a positive portion of the source voltage is conducted through one switch device of the first switching module. A negative portion of the source voltage is conducted through one of the switching devices of the second switching module.